

Influence of Design of Burner Unit on Character-
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A. Kristich, Yu. N. Bashkatov, 14 pp.
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pp 12-15. F100364667
FTD-HT-66-364

Sci-Physics
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Calculation of Axisymmetric Flow in Stages of
Axial-Flow Turbogenerators, by M. I. Zhukovskiy,
A. P. Tarabrin, 12 pp.
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NCH-201 943

Field 9C, 20K

Gordon, E. Ya.

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Order from NLL

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1. Associated Electrical
Industries, Ltd.,
Trafford Park (England)

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Investigation of a Radial-Axial Turbocompressor
Turbine, by L. N. Odilvanov, A. P. Tunakov, 12 pp.
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Sci-Physics
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Cooling of Steam-Turbine Casings, by P.G. Tret'Yakov, B. I.
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pp 8-36
NLL/9022.03 1965 3664

Sci -
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Investigation Of Axial-Radial Diffusers., by E. P.
Umanskii.
RUSSIAN, per, Energomashinostroenie, Vol 10, No Oct, (10)
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NLL/9022. 03 1965 (3681))

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Sci - Elec
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JPRS 29139

Sci-Engr
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JPRS 29139

Sci-Mat/Met
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of Shale Ash, by Prof. I. P. Epik, Kh. Arro,
L. Tomann, 5 pp.
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Oct 1964, pp 30-32.
JPRS 29139

Sci-Mat/Met
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RUSSIAN, per, Energomashinostroenie, Vol 10, No 10, 1964,
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Sci -
Aug 67

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FTD-TT-65-1027

Sci - Engr
Feb 66

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feb 69

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Dec 1964, pp 1-4.
JPRS 28993

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Classification of Products and Their
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the Basic Production of Turbine Construct-
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RUSSIAN, per, Energomashinostroenie, No 12,
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NLL Ref: 3774.5 1965 (1317)

Sci-Engr
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Stresses in the Walls of Steam Turbine Elements during
Warm-Up, by B.L. Levchenko, G. KH. Listvinskii.
RUSSIAN, per, Energomashinostroenie, Vol 10, No 12, 1964
pp 4-34-37
NLL/9022.10 1965 3706

Sci -
Aug 67

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No 12, Dec 1964, pp 45-46.
JPRS 29067

USSR
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Mar 65

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NCH-202 562

Field 21E, 20K

Zhalov, F. A.
SELECTION OF OPTIMUM DIMENSIONS FOR SHOULD-
ERED STEAM-TURBINE BLADE 'T' ROOTS AND
CALCULATION OF THE FRICTIONAL FORCE ON
THE BEARING SURFACES (Vybor Ratsionalnykh
Razmerov T-Obraznykh Khvostov a Zeplychikemi
Lopatok Farovykh Turbin i Uchet Sly Treniya na
Opornykh Poverkhnostyakh). 17 Aug 65, 9p, (foreign
text included) 1ref. TP/T-3745.
Order from NLL

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I. Associated Electrical
Industries, Ltd.
Trafford Park (England)

Investigation thermal flexure in a high-temperature
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RUSSIAN, per, Energomashinostroenie, Vol 11,
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Sci - Steam Power and Biolers
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shin, 32 pp.

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SLA 60-16642

Sci

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May 62

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OTS 63-11032
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Sci - Agri
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NLL RTS 2335 (Loan)

Sci
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SIA R-3651

Sci

Aug 59

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Life Of Insects. by I.M. Kozhanchikov.

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No 3-4, 1951, pp 323-335.

CSIRO

Oct. 62

The Influence of Nutrition on the Maturation
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RUSSIAN, per, Entomologicheskoe Obozrenie,
Vol XXXI, No 3-4, 1951, pp 336-346.

Natl Res Counc
C-2382

Sci

Aug 58

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Grunin, K. Ya.

CONCERNING THE ORIGIN OF THE GENUS
RHINOESTRUS BR. (DIPTERA, OESTRIDAE) tr. by
R. Eriscon. Oct 58, 5p. (2 figs. omitted).
Order from LC or SLA m\$1.80, ph\$1.80 61-19198

Trans. of Entomologicheskoye Obozreniye (USSR)
1951, v. 31, no. 3/4, p. 467-473.

61-19198

I. Diptera--USSR
I. Grunin, K. Ya.

158050

Office of Technical Services

(Biological Sciences--Zoology, TT, v. 5, no. 11)

On the Physical Resistance of Insects to DDT and How
and Means of Overcoming It, by W. G. Derin et al.

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1952, pp 15-25.

Co-op Tr Sch Tr 382

Sci - Biology
Nov 57

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CS/R-3345

Embryological Development of the Chalcid
Mesochorus militaris R.-kors (Hymenoptera,
Chalcididae), by O. M. Ivanova-Kuzas.

RUSSIAN, par, *Entomolog Obozreniia*, Vol XXXII,
1952, pp 160-166.

CSIRO

Sci - Biol
Apr 62

190,453

Effect of the Length of Day on Univoltine
Lepidoptera, by K. F. Geyspits.

RUSSIAN, per, Entomologicheskoe Obozrenie, Vol
XXXIII, 1953, pp 17-31.

Nat Res Council - C2371

Sci
Apr 59

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Bending of Circular and Ring-Shaped Plates of
Varying or Uniform Thickness Beyond the Elastic
Limit, by A. S. Grigor'yev.

RUSSIAN, per, Engng Rev, 1954, Vol XX,
pp 59-92.

D.S.I.R./27572/CT

Sci - Physics
May 57 CTS/dex

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Oscinella Albiseta Mg. X as a Pest of Glomerate
Orchard Grass in Leningrad Oblast, by A. A.
Mashek, 4 pp.

RUSSIAN, per, Ent Obozr, Vol XXXIV, 1955,
pp 131-136.

SIA Tr R-513

Sci - Biol
Jul 57

49,954

New spp. of Soft-Scales, Family Margarodidae, of the
Fauna of the USSR, by N. S. Borchsenius, 4 pp.

RUSSIAN, per, Ent. Obozr, Vol XXXIV, 1955, pp 222-
226.

S.L.A Tr R-511

Sci -
Jun 57 CTS

49,007

Two New Species of Coccids From Kazakhstan, by G. I.
Matesova, H. S. Borchanius, 2 pp.

RUSSIAN, Ent Obozr, Vol XXXIV, 1955, pp 227-230.

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S.L.A. Tr A-509

Sci - Biology
Jun 57 GTS

48,999

A New Genus and Species of Cushion-Scales of the
Family Lecanidae From Georgia, by Z. K.
Hadzibejli, 7 pp.

RUSSIAN, per, Ent Obozr. Vol XXXIV, 1955,
pp 231-239.

SLA Tr R-510

Sci - Biol
Jul 57

49,946

Nutrition and Capacity for Blood-Sucking in
Black Flies (Diptera, Simuliidae), by I. I.
A. Rubtsov.

RUSSIAN, per, Entomolog Obozrenie,
Vol XXXV, 1955, pp 731-751.

CSIRO

Sci - Biol
Aug 62

201, 348

Feculiarities of the Diapause in Eggs of
Acridian Orthoptera, by I. Kozhanchikov.

RUSSIAN, per, Entomolog Obozrenie, Vol XXXV,
No 1, 1956, pp 28-42.

CSIRO

Sci - Biol
Aug 62

207, 243

Nartshuk, E. P.
MATERIALS ON FAUNA AND ECOLOGY OF
CHLOROPIDS (DIPTERA, CHLOROPIDAE) IN THE
ENVIRONS OF THE TOWN OF KURGAN, tr. by
R. Ericson. 17 May 60, 7p. 5 refs.
Order from OTS or SLA \$1.10 62-15625

Trans. of Ent[omologicheskoe] Obozr[enie] (USSR)
1956, v. 35, no. 1, p. 132-138.

DESCRIPTORS: Insects, *Diptera, *Ecology,
Drosophila, Distribution.

(Biological Sciences--Zoology, TT, v. 8, no. 3)

62-15625

1. Title: Chloropids
1. Nartshuk, E. P.

Office of Technical Services

62-15641

Rohdendorf, B. B.
PALEARCTIC SPP. OF THE GENUS WOHLFAHRTIA
B. B. (DIPTERA, SARCOPHAGIDAE), tr. by
R. Fricson. 18 May 60, 5p. (26 figs. omitted).
Order from OTS or SLA \$1.10 62-15641

1. Title: Sarcophagidae
1. Rohdendorf, B. B.

Partial trans. (201-206) of Entomologicheskoe
Obzreniye (USSR) 1956, v. 35, no. 2, p. 201-229.

DESCRIPTORS: *Diptera. Classification, Distribution,
Insects

(Biological Sciences--Zoology, TT, v. 8, no. 7)

Office of Technical Services

Putshkova, L. V.
THE EGGS OF HEMIPTERA - HETEROPTERA.
II. LYGAEIDAE, tr. by R. Ericson, 7 Jan 60, 18p.
(3 figs. omitted).
Order from OTS or SLA \$1.60

62-15644

Trans. of Ent[omologicheskoe] Obozr[enie] (USSR)
1956, v. 35, no. 2, p. 262-284.

DESCRIPTORS: *Triatoma, *Eggs, Morphology,
Physiology.

(Biological Sciences--Zoology, TT, v. 8, no. 3)

62-15644

I. Putshkova, L. V.
II. Title: Lygaeidae

Office of Technical Services

Kamenkova, K. V.
PHLEBOTOMID FLIES (DIPTERA, PHLEBOTOMIDAE) PARASITES
OF BUGS OF THE FAMILY PENTATOMIDAE IN
KRASNODAR DISTRICT, CISCAUSIA, tr. by R. Eric-
son. 20 May 58. 9p.
Order from LC or SLA m\$1.80, ph\$1.80 61-19196

Trans. of Entomologicheskoye Obozreniye (USSR)
1956, v. 35, no. 2, p. 324-333.

(Biological Sciences--Zoology, TT, v. 5, no. 11)

1. Diptera--USSR
1. Kamenkova, K. V.

100047

Office of Technical Services

Ivanovskaya, O. I.
PLANT-LICE (HOMOPTERA, APHIDIOIDEA) INJURIOUS
TO TAMARIX, tr. by R. Ericson. 16 May 58, 5p.
(2 figs. omitted).
Order from LC or SLA mi\$1.80, ph\$1.80 61-19197

Trans. of Ent[omologicheskoye] Obez[reniye] (USSR)
1956, v. 35, no. 2, p. 371-376.

61-19197

1. Plants--Parasites
1. Ivanovskaya, O. I.

188055

Office of Technical Services

(Agriculture--Plant Cultivation, TT, v. 5, no. 11)

Loginaova-Dubykina, M. M. and Parfentyev, V. Y.
SPECIES OF THE GENUS CAILLARDIA BERGEVIN
(HOMOPTERA, PSYLLIDAE INJURIOUS TO HAL-
ONYLON, tr. by R. Ericson. Sep 58, 10p.
Order from LC or SLA m1\$1.60, ph\$1.60 61-19190

Trans. of Entomologicheskoye Obozr[eniye] (USSR)
1956, v. 35, no. 2, p. 377-388.

(Biological Sciences--Zoology, TT, v. 5, no. 11)

61-19190

1. Homoptera--Classification
2. Title: Halonylon
1. Loginaova-Dubykina, M. M.
- II. Parfentyev, V. Y.

15905

Office of Technical Services

Review of Palearctic Soft-Scales of the Genus
Eriopeltis Sign., by H. G. Borchsenius, 20 pp.

RUSSIAN, par, Ent Obozr, Vol. XXV, No 2, 1956,
pp 397-420.

SLA R-1852

Sci

Jul 56

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Violovich, N. A.
NEW SPECIES OF SYRPHID FLIES (DIPTERA,
SYRPHIDAE) FROM SAKHALIN OBLAST, tr. by
R. Ericson. Sep 58, 9p. (10 figs. omitted) 3 refs.
Order from LC or SLA mi\$1.80, ph\$1.80 61-19183

Trans. of Entomologicheskoye Obozreniye (USSR)
[1956] v. 35, no. 2, p. 462-472.

(Biological Sciences--Zoology, TT, v. 5, no. 11)

61-19183

1. Diptera--USSR
1. Violovich, N. A.

108045

Office of Technical Services

Transmitters and Reservoirs of Brucellosis Infection
in Nature, by I. G. Galuzo, M. N. Rementsova, 1 p.

RUSSIAN, per, Entomologicheskoe Obozrenie, Vol XXV,
No 3, 1956, pp 560-569. CIA 9013122

USDA

Sci - Medicine
Oct 57

54,150

SLA R-1977

62-15629

Grunin, K. Ya.
ON THE BOTFLIES (DIPTERA, HYPODERMATIDAE)
PARASITIC IN GAZELLA SUBGUTTUROSA GUELD,
tr. by R. Ericson. 18 May 60, 5p. (10 figs. omitted)
1 ref. 62-15629
Order from OTS or SLA \$1.10

Trans. of Ent[omologicheskoe] Obozr[enie] (USSR)
1956, v. 35, no. 3, p. 716-723.

DESCRIPTORS: *Diptera, *Parasites, Classification,
Reproduction, Biology, Insects.

Adults of botflies parasitic in Gazella subgutturosa
Gueuld. were reared in 1955 on Mangyschak [German
spelling] peninsula. The new genus Crivellia Grunin
is erected for Przewalskiana corinnae Crivelli.
(Author)
(Biological Sciences--Zoology. TT. v. 8, no. 7)

1. Title: Hypodermatidae
2. Title: Gazelle
1. Grunin, K. Ya.

Office of Technical Services

62-15645

Nartshuk, E. P.
OSCINELLA SPP. (DIPT., CHLOROPIDAE) OF THE
EUROPEAN PART OF THE USSR AND THEIR FOOD
PLANTS, tr. by R. Ericson. May 60, 17p. (30 figs.
1 table omitted) 16 refs.
Order from OTS or SLA \$1.60

Trans. of Entomologicheskoe Obozr[enie] (USSR)
1956, v. 35, no. 4, p. 856-882.

DESCRIPTORS: Insects, *Diptera, *Drosophila,
Anatomy, Classification, Ecology.

1. Title: Oscinella
1. Nartshuk, E. P.

62-15645

(Biological Sciences--Zoology, TT, v. 8, no. 3)

Office of Technical Services

Shatas, J. F.
LARVAE AND NYMPHS OF SOME SPECIES OF THE
GENUS RHIPICEPHALUS KOCH (ACARINA,
IXODIDAE). [16p] 14 refs NAMRU Trans. 79(T79).
Order from OTS, SLA, or ETC \$1.10 TT-64-15705
Trans. of [Entomologicheskoe Obozrenie] (USSR) 1956,
v. 35, no. 4, p. 944-955.

(Biological Sciences--Microbiology, TT, v. 12, no. 4)

TT-64-15705

I. Shatas, J. F.
II. NAMRU-Trans-79
III. Naval Medical
Research Unit
No. 3, Cairo
(Egypt)

Office of Technical Services

Biological Principles of the Control of Ixodid
Ticks, by D. Blagoveshchenskiy.

RUSSIAN, per, Entomologicheskoy Obozrenie,
Vol XXXVI, No 1, 1957, pp 125-133.

CSIRO 3869

Sci - Biol
Aug 62

207,475

Contribution to the Study of Biotic
Factors in the Natural Control of Bark
and Wood Borers, by G. A. Zinov'yev.

RUSSIAN, per, Entomolog Obozrenie,
Vol XXXVI, 1957, pp 322-354.

CSIRO
(possible M-480)

Ecl - Biol
Jan 62

199,348

61-19195

Krivoshayna, N. P.
A CONTRIBUTION TO THE KNOWLEDGE OF
HELEIDS (DIPTERA, HELEIDAE) OF THE OKA
FLOODLANDS, tr. by R. Ericson. Aug 58, 11p.
Order from LC or SLA ml\$2.40, ph\$3.30 61-19195

I. Diptera--USSR
I. Krivoshayna, N. P.

Trans. of Entomologicheskoye Obozreniye (USSR)
10 " v. 34, no. 2, p. 418-422.

9054

Office of Technical Services

(L. Biological Sciences--Zoology. T. v. 5, no. 11)

Muragina-Koreneva, T. A.
ECOLOGY AND SYSTEMATICS OF THE PELOPIINAE
OF THE UTSJA RESERVOIR. I. PROCLADIUS AND
PSILOTANYPUS (DIPTERA, TENDIPEDIDAE) (Ekologiya
i Sistematika Peloplinaye Uchinskogo Vodokhranilishcha.
I. Procladius i Psilotanypus (Diptera, Tendipedidae)).
Apr 61 [21]p. 10 refs. RTS 1782.
Order from OTS or SLA \$2.60 61-19692

Trans. of Entomologicheskoye Obozreniye (USSR) 1957,
v. 36, no. 2, p. 436-450.

DESCRIPTORS: *Diptera, Ecology, Classification,
USSR.

(Biological Sciences--Zoology, TT, v. 6, no. 1)

61-19692

I. Muragina-Koreneva, T. A.
II. Title: Procladius...
III. RTS-1782
IV. Department of Scientific
and Industrial Research
(Gt. Brit.)

161814

Office of Technical Services

Zimlin, L. S.
BRIEF SURVEY OF PARASITIC DIPTERA OF THE
SOUTHERN HEMISPHERE OF PALEARCTIC FAUNA
(DIPTERA, LARVAEIVORIDAE) tr. by R. Ericson.
Apr 53, 22p. (3 figs. omitted)
Order from LC or SLA ml\$2.70, ph\$4.80 61-19186

Trans. of Entomologicheskoye Obozr[eniye] (USSR)
1957, v. 36, no. 2, p. 501-537.

(Biological Sciences--Zoology, TT, v. 5, no. 11)

61-19186

1. Diptera--USSR
2. Paleontology--Arctic regions
1. Zimlin, L. S.

158040

Office of Technical Services

63-23591

Narzykulov, M. N.
 NEW PLANT LICE (HOMOPTERA, APHIDIDAE)
 FROM THE MOUNTAIN REGIONS OF TADJIKISTAN,
 tr. by L. Ericson. June 60, 11p. (figs. omitted).
 Order from OTS or SLA \$1.60 63-23591

Trans. of Entomologicheskoe Obozreniye (USSR)
 1957, v. 35, no. 3, pp. 671-694.

DESCRIPTORS: Homoptera, Taxonomy, Lice,
 Arthropods, Mountains, Ecology.

The following new species are characterized: Periphyllus mamontovae; Neothomalia prudnosae; Acyrthosiphon rubi; A. spiraeae; Avicennina sogdiana (Avicennina being a new genus); Liosomaphis lychnae; Myzaphis bey-bienkoi; Tricaudatus (Rhopalomyzus) berberidis (Tricaudatus being a new genus); Hayhurstia atzenbergi; Brevicoryne shaposhnikovi; Dysaphis pavlovskiyana; Pemphigus islanderulli; P. montanus.
 (Earth Sciences--Zoology, TT, v. 10, no. 12)

1. Title: Tadjikistan
 I. Narzykulov, M. N.

Office of Technical Services

S-5237

(DC-2905).

The Most Important Achievements of Medical Entomology
in the USSR During the Last Forty Years (1917-1957),
by Ye. H. Pavlovskiy, A. V. Gutsevich, 27 pp.

RUSSIAN, par, Entomologicheskoye Obozreniye, Vol
XXXVI, No 4, 1957, pp 829-844.

JPRS-910-D

USSR

Sci - Biology, entomology
Sep 59

97,038

Determination of the Number of
Stages of Blackfly Larvae (Diptera,
Simuliidae), by A. E. Terterian.
RUSSIAN, per, Entomolog Oboz.
Vol XXXVI, No 4, 1957, pp 860-868.
NIN 11-3 -64

Scd BQH
Jul 65

286,156

Narzykulov, M. N. SOME RESULTS OF STUDIES ON THE DENDROPHILOUS APHIDS (HOMOPTERA APHIDIDAE) OF TADZHIKISTAN, tr. by R. Ericson. June 60, 14p. Order from OTS, SLA, or ETC \$1.60 TT-63-23592 Trans. of Ent[omologicheskoe] Obozr[enie] (USSR) 1957, v. 36, no. 4, p. 877-894. (Abstract available) DESCRIPTORS: *Homoptera, Taxonomy, Ecology, *Lice, Arthropoda. Topics include: Distribution of aphids in the territory in connection with characteristics of the relief; some reasons for disturbance of vertical zonality; and ecologico-faunistic complex of dendrophilous aphids. (Biological Sciences--Zoology, TT, v. 11, no. 1)	TT-63-23592 1. Title: Tadzhikistan I. Narzykulov, M. N. Office of Technical Services
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VOL. 37, 1958

ENTOMOLOGICHESKOE OBOZRENIIE
(Entomological Review - quarterly)
Translation begins with 1958, Vol. 37
Lag time: 6 months
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